

**IN THE CLAIMS**

For the convenience of the Examiner, all pending claims of the present Application are shown below in numerical order whether or not an amendment has been made and applying the revised amendment practice of 37 CFR 1.121.

1. (Currently Amended) A method for indicating quality of a radio frame transmitted over a wireless link, comprising:

receiving a radio frame from a wireless link;

determining for the radio frame a plurality of link parameters comprising a power indicator, the power indicator based on a power control trend of the wireless link; and

generating a quality indicator for the radio frame based upon the plurality of link parameters comprising the power indicator, wherein the link parameters are weighed unequally in generating the quality indicator.

2. (Original) The method of Claim 1, wherein the power control trend comprises a slope of power control commands for the link.

3. (Original) The method of Claim 1, wherein the power control trend comprises a slope of power control commands for the link and at least one other link participating in a soft handoff with the link.

4. (Currently Amended) A method for indicating quality of a radio frame transmitted over a wireless link, comprising:

receiving a radio frame from a wireless link;

determining for the radio frame a plurality of link parameters comprising a bit energy indicator, the bit energy indicator based on a bit energy to interference ratio; and

generating a quality indicator for the radio frame based upon the plurality of link parameters comprising the bit energy indicator, wherein the link parameters are weighed unequally in generating the quality indicator.

5. (Currently Amended) A method for indicating quality of a radio frame transmitted over a wireless link, comprising:

receiving a radio frame from a wireless link; and

determining a quality indicator for the frame based upon a plurality of link parameters, wherein the link parameters are weighed unequally in determining the quality indicator.

6. (Currently Amended) The method of Claim 5, wherein the link parameters comprise:

a bit energy indicator, the bit energy indicator based on a bit energy to interference ratio; and

a power indicator, the power indicator based on a power control trend of the wireless link; link.

7. (Cancelled)

8. (Currently Amended) A system for indicating quality of a radio frame transmitted over a wireless link, comprising:

means for receiving a radio frame from a wireless link;

means for determining for the radio frame a plurality of link parameters comprising a power indicator, the power indicator based on a power control trend of the wireless link; and

means for generating a quality indicator for the radio frame based upon the plurality of link parameters comprising the power indicator, wherein the link parameters are weighed unequally in generating the quality indicator.

9. (Original) The system of Claim 7, wherein the power control trend comprises a slope of power control commands for the link.

10. (Original) The system of Claim 7, wherein the power control trend comprises a slope of power control commands for the link and at least one other link participating in a soft handoff with the link.

11. (Currently Amended) A system for indicating quality of a radio frame transmitted over a wireless link, comprising:

means for receiving a radio frame from a wireless link;

means for determining for the radio frame a plurality of link parameters comprising a bit energy indicator, the bit energy indicator based on a bit energy to interference ratio; and

means for generating a quality indicator for the radio frame based upon the plurality of link parameters comprising the bit energy indicator, wherein the link parameters are weighed unequally in generating the quality indicator.

12. (Currently Amended) A system for indicating quality of a radio frame transmitted over a wireless link, comprising:

means for receiving a radio frame from a wireless link; and

means for determining a quality indicator for the frame based upon a plurality of link parameters, wherein the link parameters are weighed unequally in determining the quality indicator.

13. (Original) The system of Claim 12, wherein the link parameters comprise:

a bit energy indicator, the bit energy indicator based on a bit energy to interference ratio; and

a power indicator, the power indicator based on a power control trend of the wireless link.

14. (Cancelled)

15. (Currently Amended) A propagated signal, comprising:  
a transmission medium; and

a quality indicator for a radio frame in soft handoff transmitting on the medium, the quality indicator generated based upon a plurality of link parameters, the plurality of link parameters being weighed unequally in generating the quality indicator, the plurality of link parameters comprising at least:

a bit energy indicator, the bit energy indicator based on a bit energy to interference ratio; and

a power indicator, the power indicator based on a power control trend of the wireless link.

16. (Currently Amended) A method for soft handoff, comprising:
- receiving over a each of a plurality of soft handoff links a radio frame;
  - for each radio frame determining a quality indicator, the quality indicator generated based upon a plurality of link parameters comprising at least:
    - a bit energy indicator, the bit energy indicator based on a bit energy to interference ratio;
    - a power indicator, the power indicator based on a power control trend of the wireless link, wherein the link parameters are weighed unequally in generating the quality indicator;
  - forwarding the frame and quality indicator to a base station controller; and
  - selecting one of the frames based on the quality indicator.



17. (Currently Amended) A method for soft handoff, comprising:  
at each of a plurality of ~~transeeiver~~ transceivers in communication with one of a plurality of soft handoff links for a connection:  
    receiving a redundant radio frame;  
    temporarily holding the redundant radio frame;  
    determining a quality indicator for the redundant radio frame;  
    transmitting to a frame selector the quality indicator;  
    selecting at the frame selector one of the redundant frames as a selected frame, such selection based upon the quality indicator received from each transceiver;  
    requesting the selected frame from the transceiver holding the selected frame; and  
    forwarding the selected frame for transmitting in the connection.
18. (Currently Amended) The method of ~~Claim 18~~ Claim 17, further comprising discarding the redundant radio frames that are not the selected frame.

19. (Currently Amended) A system for indicating quality of a radio frame transmitted over a wireless link comprising logic encoded in media, the logic operable to:

receive a radio frame from a wireless link;

determine for the radio frame a plurality of link parameters comprising a power indicator, the power indicator based on a power control trend of the wireless link; and

generate a quality indicator for the radio frame based upon the plurality of link parameters comprising the power indicator, wherein the link parameters are weighed unequally in generating the quality indicator.

20. (Currently Amended) A system for indicating quality of a radio frame transmitted over a wireless link comprising logic encoded in media, the logic operable to:

receiving a radio frame from a wireless link; and

determining a quality indicator for the frame based upon a plurality of link parameters, wherein the link parameters are weighed unequally in determining the quality indicator.